

SPECIFICATION FOR FABRIC COVERED PIPE TRUSS SHELTERS

This specification is for the purchase of fabric covered steel, double pipe truss shelter. The shelter will be placed on top of a 7.5' or 10' high wall constructed of large concrete blocks or cast in place concrete wall. The outside dimension of the three-sided structure will be as indicated: 40' wide and 50' long.

1. The structure shall be Norseman Structures LBS40x50gm/320-10 or approved equal. Bidders shall submit product literature with their bid for review.
2. Except where noted, fabric for both styles shall be silver in color with one weathertight end made with the same fabric as the roof. Doors will not be needed.
3. The LBS40x50 building cover is to extend another 12" on each side to seal building roof to side of concrete walls.
4. Mounting hardware will be furnished by the owner.
5. Vendor shall have a local dealer representative network and be able to provide on site technical assistance if requested for the construction of these structures. The vendor shall also provide warranty repairs.

1. Fabric for cover shall meet or exceed the following specifications:

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| a. Material | 16 x 16 woven clear KDPE scrim using 1600 denier tapes (63 x 63 tapes per 10 cm) |
| b. Weight | 12.5 oz/square yard |
| c. Thickness | 23 mils |
| d. Coating | Modified LDPE coating with UV protection |
| e. Coating Thickness | 4.0 mils, average each side |
| f. Warranty | 15 year pro rata |

2. Steel tubing for structure shall meet or exceed the following specifications:

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| a. Steel | Cold formed steel tubing with a yield strength of 60 ksi. |
| b. Welds | Finished with a molten zinc corrosion protection system |
| c. Rust Protection | Inside of tubing coated with a zinc based corrosion resistant Exterior clad with three coatings of Gatorshield corrosion resistant process or equivalent. |

6. Verification of all requirements should be available from independent testing organizations.
7. A minimum 48-hour notice shall be given to the Owner prior to delivery of materials. Vendor shall unload the delivery to the location approved by Owner.
8. Installation manuals and shop drawings shall be supplied with each structure at time of delivery.

9. The services of an authorized factory technician, thoroughly trained in the construction and servicing of the building, shall be furnished for a four hour period. The technician shall instruct KDOT personnel in the proper construction and preventive maintenance of the building. The exact date, place and material to be reviewed will be coordinated with the Bureau of Construction and Maintenance.